



NASA Glenn Research Center

AEROSPACE

Frontiers

Volume 4 Issue 8 August 2003

Glenn supports national noise control conference

NASA was featured prominently as a cosponsor of the *NoiseCon 2003*, the Institute of Noise Control Engineering national conference, held June 23 to 25 in Cleveland. A team of Glenn volunteers from the Engineering Development Division, Structures and Acoustics Division, Imaging Technology Center, and Publishing Services supported the event, which highlighted NASA's work in the area of acoustics and hearing conservation for the International Space Station as well as aeroacoustics (jet noise research).

Dr. Richard Williams, NASA's chief health and medical officer, welcomed the 270 participants to the event where more than 30 papers were presented by NASA-associated authors, including a plenary lecture by Colonel John Allen, program executive for crew health and safety in the Office of Space Flight at

NASA Headquarters. During a tour of Glenn's acoustical facilities—the Aeroacoustic Propulsion Laboratory, the 9-by-15-Foot Low-Speed Wind Tunnel, and the Acoustical Testing Laboratory (ATL)—visitors not only viewed presentations and demonstrations of collaborative projects but also helped celebrate the ATL's recent accreditation by the National Voluntary Laboratory Accreditation Program for sound power level determinations per ISO 3744. Graduate-level training during two post-conference seminars,

Academic partners from Brigham Young University demonstrate a scanning sound intensity measurement system developed for Glenn's ATL.

Controlling Noise Emission (low-noise design) and *Aeroacoustics*, was also provided and led by teams of experts well-known to the NASA community. ♦

Photo by Quentin Schwinn



C-2003-1105